

## MS/MS Parameters of Pesticides

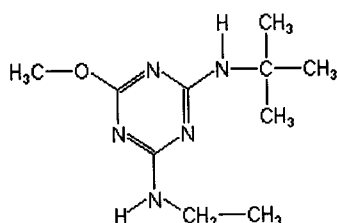
### Analyte: Terbumeton

CAS No.: 33693-04-8

Formula: C<sub>10</sub>H<sub>19</sub>N<sub>5</sub>O

Molecular mass (lowest isotopes): 225,16 amu

Structure:



Ionisation: ESI +

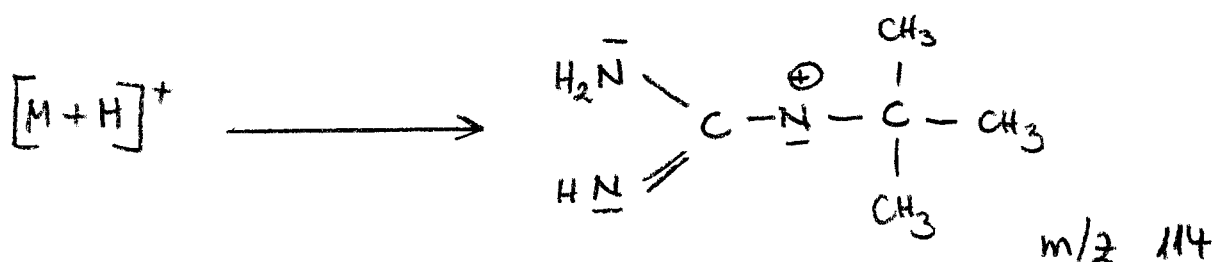
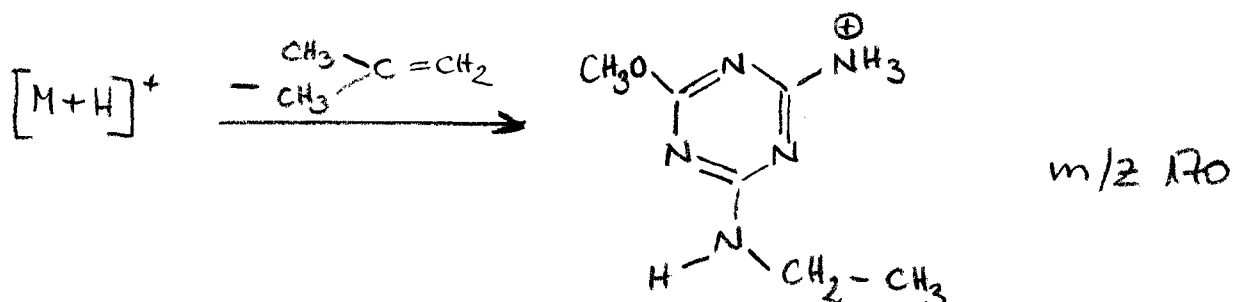
Quasimolecular ion: 226,1 amu = [M+H]<sup>+</sup>

Analyte sensitive parameter set (API 2000)

Transition	226,1 → 170,2	226,1 → 114,0
Declustering potential (DP) <sup>*)</sup>	16 V	16 V
Focusing potential (FP)	370 V	370 V
Entrance potential (EP)	11,5 V	11,5 V
Collision cell entrance potential (CEP)	14 V	14 V
Collision energy (CE)	23 V	33 V
Collision cell exit potential (CXP)	8 V	6 V

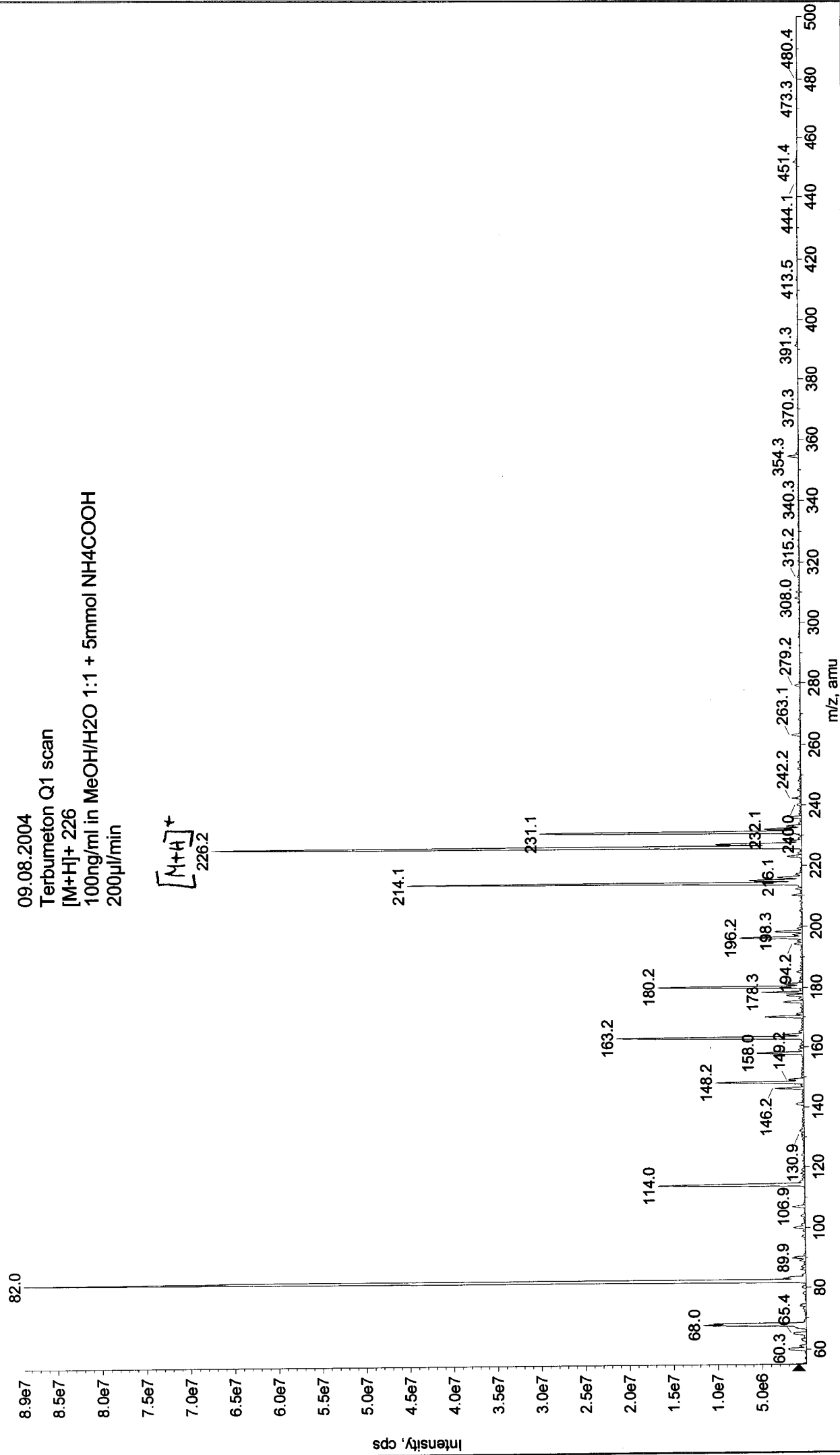
<sup>\*)</sup> For API 3000 and 4000 enhance DP by 20V

### Fragmentation



Max. 8.9e7 cps.

+Q1: 30 MCA scans from Sample 1 (TuneSampleID) of MT20040809103916.wiff (Turbo Spray)

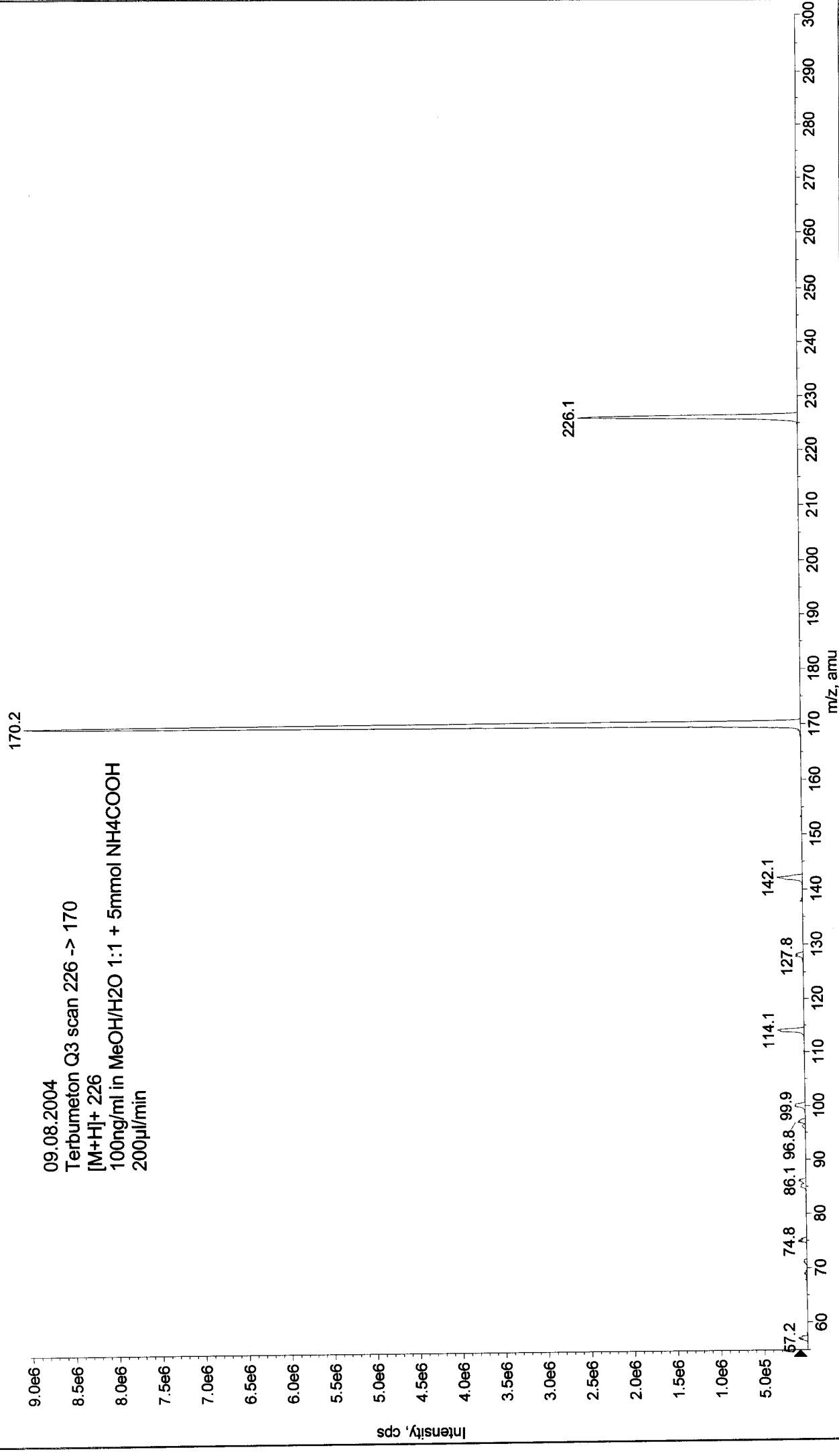


Printing Time: 10:42:32  
Printing Date: Monday, August 09, 2004

Acq. Time: 10:41  
Acq. Date: Monday, August 09, 2004  
Acq. File: MT20040809104123.wiff

Sample Comment:  
Sample Name: TuneSampleID  
Batch Name: ManualTune.bat

Max. 9.0e6 cps.  
+MS2 (226.00): 30 MCA scans from Sample 1 (TuneSampleID) of MT20040809104123.wiff (Turbo Spray)



Sample Comment:  
Sample Name: TuneSampleID  
Batch Name: ManualTune.bat

Acq. Time: 10:49  
Acq. Date: Monday, August 09, 2004  
Acq. File: MT20040809104900.wiff

Printing Time: 10:51:46  
Printing Date: Monday, August 09, 2004

Max. 3.6e6 cps  
+MS2 (226.00): 30 MCA scans from Sample 1 (TuneSampleID) of MT20040809104900.wiff (Turbo Spray)

